

**MAHATMA GANDHI UNIVERSITY  
FIFTH SEMESTER – BA PROGRAMME IN ECONOMICS**

**Model Question Paper**

**OPEN COURSE  
FOUNDATIONS OF ENVIRONMENTAL ECONOMICS**

(Answers may be written either in English or in Malayalam.)

Time : 3 Hrs

Total Weightage : 25

**Part A – Objective Type Questions (in bunches of 4)**

*I. Choose the correct alphabet only.*

1. Market failure is caused by  
(A) open access (B) Pareto optimality  
(C) individual participation (D) externalities
2. The Environmental (Protection) Act was framed in the year  
(A) 2005 (B) 1986 (C) 1996 (D) 1976
3. Environmental problems can be solved by  
(A) health education (B) physical education  
(C) value based environmental education (D) advertisement
4. Clean technologies are  
(A) labour intensive (B) capital intensive  
(C) land intensive (D) environmentally sound technologies  
(Weightage 1)
5. Sustainable development means  
(A) development of UDCs  
(B) postponement of present consumption  
(C) meeting the needs of the present generation without compromising the needs of future generations (D) none of the above
6. World Environment Day is observed on  
(A) March 21 (B) April 7 (C) June 5 (D) October 3
7. Present environmental crisis is the result of  
(A) human activities (B) heavy industrialization  
(C) environmental activities (D) none of the above
8. Heavy industrialization leads to  
(A) sustainable development (B) pollution  
(C) heavy imports (D) globalization  
(Weightage 1)

9. The Narmada Bachao Andolan Movement is led by  
 (A) Medha Padkar (B) Vinoba Bhawe  
 (C) Dr.Manmohan Singh (D) None of the above
10. Stockholm Conference was held in the year  
 (A) 1970 (B) 1972 (C) 1973 (D) 1974
11. Public goods are  
 (A) non-excludability (B) public bads (C) free rider (D) externalities
12. Soil erosion can be prevented by  
 (A) afforestation (B) deforestation (C) vegetation (D) all the above  
 (Weightage 1)
13. Which is the fourth most polluted city in the world?  
 (A) Delhi (B) Mumbai (C) Chennai (D) Thiruvananthapuram
14. One of the methods for measuring the impact on environment is  
 (A) cost-benefit analysis (B) social cost-benefit analysis  
 (C) impact studies (D) input-output analysis
15. D.A. Meadows is known for his report on  
 (A) unbalanced growth (B) balanced limits to growth  
 (C) limits to growth (D) environment
16. Indian Council of Forestry Research and Education is located at  
 (A) Dehra Dun (B) Jodhpur (C) Coimbatore (D) Ranchi  
 (Weightage 1)

### Part B - Short Answer Questions

*II. Answer any five out of eight, not exceeding 50 words.*

17. Renewable resources
18. Acid rain
19. Environment as a necessity
20. Excludability
21. Paryavaran Vahini
22. Ban on smoking at public places
23. Central Pollution Control Boards
24. Air pollution

(Weightage  $1 \times 5 = 5$ )

### **Part C - Short Essays**

*III. Answer any four questions not exceeding 150 words. Each question carries 2 weightages.*

25. Green House Effect
26. Ozone depletion
27. Property Rights Approach to environmental problem
28. Environment and sustainable development
29. Mention the main provisions of National Environment Tribunal Act of 1995
30. Green Accounting

(Weightage  $2 \times 4 = 8$ )

### **Part D - Long Essays**

*IV. Answer any two questions not exceeding 450 words. Each question carries 4 weightages.*

31. Explain the various pollutants and bring out their impact on environment.
32. Discuss the scope and significance of Environmental Economics.
33. Discuss the various methods of valuation of environmental damages.

(Weightage  $4 \times 2 = 8$ )